

Appl. No.: 10/693,154
Reply to Office Action of dated April 8, 2005

Amendments to the Claims:

1. (original) An armrest pivotable in a horizontal plane comprising
 - a) a bracket adapted to be attached to an armrest support arm;
 - b) a vertical pivot axis attached to said bracket;
 - c) an armrest support rotatably attached to said vertical pivot axis; and
 - d) a mechanism for securing said armrest in a fixed position in the horizontal plane of movement.
2. (original) A method of adjusting the vertical position of an armrest comprising the steps of:
 - a) raising the distal end of the armrest to an altitude greater than the altitude of the medial end of said armrest;
 - b) repositioning said armrest; and
 - c) releasing said distal end in a manner effective to return said distal end to an altitude substantially the same as said medial end of said armrest.
3. (original) A method of adjusting the vertical position of an armrest comprising the steps of:
 - a) positioning said armrest; and
 - b) releasing said armrest in a manner effective to engage a locking mechanism that holds said armrest in the position it was placed.
4. (amended) An adjustable arm for a chair comprising:
 - a) a support for a back of said chair connected to a base of said chair;
 - b) a bracket mounted on said back support;
 - c) a first link pivotally mounted to said bracket mounted on said back support;

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- d) a second link pivotally mounted to said bracket mounted on said back support;
- e) a second bracket pivotally mounted to the ends of said first and said second links at the end of each link distal to the bracket mounted on said back support; and
- f) an armrest body mounted to said second bracket

wherein said armrest body maintains an orientation substantially parallel to the seat of said chair.

5. (original) The adjustable arm for a chair of claim 4 further comprising a locking mechanism at the interface between (a) one of said links mounted to the bracket mounted on said back support and (b) said second bracket.

6. (original) The adjustable arm for a chair of claim 4 further comprising:

- a) a third bracket mounted on said back support;
- b) a third link pivotally mounted to said third bracket;
- c) a fourth link pivotally mounted to said third bracket;
- d) a fourth bracket pivotally mounted to the ends of said third and said fourth links at the end of each link distal to the third bracket; and
- e) a second armrest body mounted to said fourth bracket.

7. (original) The adjustable arm for a chair of claim 4 further comprising a slider-crank joint at the interface between one link and one bracket.

8. (amended) An adjustable arm for a chair comprising:

- a) a parallel arm mechanism mounted at a first end to a back support of said chair;
- b) said parallel arm mechanism mounted at a second end to an armrest body

wherein said armrest body maintains an orientation substantially parallel to the seat of said chair.

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9. (original) The adjustable arm of claim 8 further comprising a locking mechanism.
10. (previously added) A moveable armrest comprising
 - a) a bracket adapted to be (1) mounted to a chair back at a point at least about 6 inches above a rear portion of a seat of said chair and (2) attached to an armrest support arm;
 - b) a horizontal pivot axis attached to said bracket;
 - c) an armrest support rotatably attached to said horizontal pivot axis; and
 - d) a mechanism for securing said armrest in a fixed position in the horizontal plane of movement.
11. (previously added) The adjustable arm for a chair of claim 4 further comprising said bracket mounted on said back support being at least about 6 inches above a rear portion of the seat of said chair.
12. (previously added) The adjustable arm for a chair of claim 8 further comprising said bracket mounted on said back support being at least about 6 inches above a rear portion of the seat of said chair.
13. (currently amended) A method of adjusting the vertical position of an armrest comprising, in a chair in which the distal end of the armrest is the end of the armrest closest to the user's fingertips when the user sits in the chair in a conventional manner, the steps of:
 - a) raising the distal end of the armrest to an altitude greater than the altitude of the medial end of said armrest;
 - b) repositioning said armrest; and
 - c) releasing said distal end in a manner effective to return said distal end to an altitude substantially the same as said medial end of said armrest

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wherein the raising, repositioning, and releasing movement of said armrest is within an arc of less than 45°.

14. (currently amended) An office chair with an adjustable arm comprising:
 - a) a pedestal mounted to a base of said chair said pedestal having a plurality of arms near the end of said pedestal furthest from said base;
 - b) a support for a back of said chair connected to said chair base;
 - c) a bracket mounted on said back support;
 - d) a first link pivotally mounted to said bracket mounted on said back support;
 - e) a second link pivotally mounted to said bracket mounted on said back support;
 - f) a second bracket pivotally mounted to the ends of said first and said second links, at the end of each link distal to the bracket mounted on said back support; and
 - g) an armrest body mounted to said second bracket.
15. (new) An office chair according to claim 14 in which said brackets and links maintain said armrest body in an orientation substantially parallel to the seat of said chair.
16. (new) A method of adjusting the vertical position of an armrest comprising the steps of:
 - a) raising the end of the armrest closest to a user's fingertips to an altitude greater than the altitude of the end of said armrest to said user's elbow;
 - b) repositioning said armrest; and
 - c) releasing said distal end in a manner effective to return said distal end to an altitude substantially the same as said medial end of said armrest.